

### APPENDIX B Assessment, Tools and Templates

The EFF Purposes of Assessment Chart and Background on its Development

**EFF** Performance Template

Teaching and Learning with EFF Standards

**EFF Task Template** 

Worksheet: Developing a Well-Structured Performance Task

Student Documentation Form

Teacher Observation Form

### **EFF Purposes of Assessment**

What do we want to learn from assessment?	Why assess before instruction?	Why assess during instruction?	Why assess after instruction?	Uses of assessment results beyond instructional setting	"Next Step" uses of Assessment Results
Individual Achievement: What an individual learner knows and is able to do in order to meet self-identified purposes in roles of family member, worker and citizen.	<ul> <li>placement</li> <li>baseline information</li> <li>for learner-centered</li> <li>curriculum planning</li> </ul>	<ul> <li>measure short-term skill development and goal achievement</li> <li>on-going goal-setting and curriculum planning</li> <li>diagnosing problems</li> <li>identifying and addressing obstacles</li> </ul>	measure end of cycle skills development and goals achievement	<ul> <li>teacher reports to learners, families, communities</li> <li>learner self- assessment</li> <li>guidance in future educational planning</li> </ul>	<ul> <li>on-going learner-centered goal setting and curriculum planning</li> </ul>
Individual Mastery and Credentialing: How much the learner knows and how well the learner is able to perform against broad and broadly accepted criteria for "what matters" to adults according to their purposes in their roles.	• placement • credentialing current knowledge and skills	<ul> <li>measure progress toward attainment according to criteria for "what matters"</li> <li>credentialing current knowledge and skills</li> </ul>	• promotion • credentialing current knowledge and skills	<ul> <li>diploma or equivalent certificate</li> <li>credential</li> <li>license</li> </ul>	selection     admission     licensing     employment
Accountability: Accountability: How well an educational program assists learners as groups to meet their purposes for adult basic and literacy education in their roles.	<ul> <li>summary of baseline information for learner-centered continuous quality improvement purposes</li> </ul>	• internal monitoring of program planning, curriculum development, recruitment and retention processes to meet learner goals and needs	<ul> <li>summary of post-instruction achievements and status related to learner goals and needs</li> </ul>	<ul> <li>develop protocols for program self- assessment and continuous improvement</li> <li>accountability reports</li> </ul>	<ul> <li>continuous program improvement</li> <li>policy development</li> </ul>
System Improvement and Accountability: How well an educational system assists learners as groups to meet their purposes for adult basic and literacy education in their roles.	• summary of baseline information for research and evaluation purposes	• evaluation of program planning, curriculum development, recruitment and retention processes	• system accountability reporting (state and federal)	<ul> <li>develop protocols for research and evaluation</li> <li>accountability reports</li> </ul>	determining whether the system is still focused on the right results     evaluating effectiveness of instructional programs     policy development     "temperature-taking" (state, national, and international descriptions of current performance)

### **Background on the Development of the EFF Purposes of Assessment Chart**

Early in the work of developing the EFF Assessment Framework, we identified three primary purposes for assessment that the Framework needs to address:

- 1. to provide information on learner progress that is useful during the instructional process;
- 2. to provide information about learner achievements to stakeholders in the adult education system;
- 3. and to provide information that is useful for program and system accountability

Drawing on the recommendations of the expert review panels for the EFF Content Standards (held in January, 1999) during which panelists discussed possible assessments for the standards, we created a draft "EFF Purposes of Assessment" matrix by asking, and proposing answers to the broad framing questions:

- Who needs the results of assessment of adult learners?
- Why and for what purposes do they need those results?
- When/at what points in the learning process do they need those results?

The structure of this matrix was informed by *Linking Educational Assessments: Concepts, Issues, Methods and Prospects* by Robert Mislevy (ETS, 1992) and was based on an EFF-friendly adaptation of a chart that appears in that publication (*Table 1: Description of Assessment Purposes*) which itself was adapted from Millman and Greene's Table 8.1 (1989).

For example, in developing the vertical categories of "who and why/for what purpose," Mislevy's *type of inference desired* became our "what do we want to learn from assessment?" *Description of individual examinees' attainments* became our "what an individual learner knows/is able to do to meet self-identified purposes in roles roles of family member/worker/citizen."

Mislevy's *mastery decision* was changed to "Individual Mastery/Credentialing: how much the learner knows/how well the learner is able to perform against broad and broadly accepted criteria for 'what matters' to adults according to their purposes in their roles" and the category *description of performance for a group or system* became 2 categories of "what we want to learn and why: 1) 'Program Improvement/Accountability' and 2) 'System Improvement/Accountability."

To address the horizontal categories of "when/at what points" we used Mislevy's *Curricular Domain* (before/during/after instruction); his *Cognitive Domain and Future Performance in Criterion Setting* became our "Uses of assessment results beyond instructional setting" and "Next-Step uses of assessment results."

We then filled in the matrix based on our collective knowledge and experience. During the April 1999 meeting of field sites, participants reviewed the matrix raised issues and concerns, and offered suggestions for further work. Later a smaller Assessment Workgroup spent a full day working with the matrix in order to identify currently used and/or available assessment instruments and strategies that might align with the various purposes (and be useful before, during and/or after instruction); suggest other/alternative/new/needed assessment tools to meet the requirements of the EFF Standards for the variety of purposes; and provide further guidance on the structure/content/overall usefulness of the draft purposes matrix.

EFF Standard:	Components of Performance:

Dimensions	0-5	6-10	11-15	16-20	21-30	31-40
KNOWLEDGE BASE: What do learners know? 1. What vocabulary do learners have related to the skill? Related to the subject area?		Simple vocabulary		Simple vocabulary with some multi-syllabic words	Growing vocabulary with a good store of multisyllabic, non-technical words	Moderate store of vocabulary, some new and technical
2. What content knowledge do learners have related to the skill? Related to the subject area?		Minimal familiarity with content- related facts, operations, concepts, rules, protocols and/ or practices		Familiarity with a small store of content- related facts, operations, concepts, rules, protocols and/ or practices	Familiarity with a good enough store of facts, operations, concepts, rules, protocols and/ or practices to carry out the task	Familiarity with a good enough store of facts, operations, concepts, rules, protocols and/ or practices to carry out the task

Dimensions	41-50	51-60	61-70	71-80	81-90	91-100
KNOWLEDGE BASE: What do learners know? 1. What vocabulary do learners have related to the skill? Related to the subject area?	Moderate store of vocabulary, some new and technical	Good store of vocabulary, including some new and technical	Good store of vocabulary, including some new and technical	Large store of vocabulary including new and technical	Extensive vocabulary that includes technical and infrequently used terms	Extensive vocabulary that includes technical and infrequently used terms
2. What content knowledge do learners have related to the skill? Related to the subject area?	Familiarity with a good enough store of facts, operations, concepts, rules, protocols and/ or practices to carry out the task	Familiarity with a range of facts, operations, concepts, rules, protocols and/or practices to meet the demands of the task	Familiarity with a range of facts, operations, concepts, rules, protocols and/ or practices to meet the demands of the task	Familiarity with a range of facts, operations, concepts, rules, protocols and/ or practices to meet the demands of the task	Extensive, advanced and complex content knowledge useful for multiple purposes	Extensive, advanced and complex content knowledge useful for multiple purposes

Dimensions	0-5	6-10	11-15	16-20	21-30	31-40
KNOWLEDGE BASE: 3. What strategies do learners have for organizing and applying content knowledge? • can learners recognize relationships or connec- tions? • can learners create new relationships or connec- tions?		Extremely concrete activation of prior learning; only a small number of strategies, limited to simple recall of information		Concrete activation of prior learning; a small number of strategies, including restatement, paraphrase, some explana- tion; can use some examples	Initial "pattern recognition," i.e., beginning "chunking" and elaborating of information; some early abstraction in activation of prior learning; some strategies: explanation, summary, paraphrase, restatement, use of examples	Pattern recognition, i.e., "chunking" and elaboration of information; activation of prior learning more abstract and complex; some strate- gies, mostly simple, some "higher-order"; ability to classify and categorize information; some recogni- tion of cause and effect relationships; explanation, interpretation, translation, some generalization, inference, prediction
<ul> <li>can learners identify information that is important to the task/ problem?</li> </ul>		Little conscious ability to identify important information		Limited ability to identify important information	Some conscious ability to identify information that is relevant to a clearly-defined purpose	Ability to recognize and restate important information for application to a clearly defined purpose
<ul> <li>can learners understand when information or concepts apply?</li> </ul>		Minimal understanding of when to apply information		Limited understanding of when to apply information	Some understanding of when to apply information	Good understanding of when to apply information

Dimensions	41-50	51-60	61-70	71-80	81-90	91-100
KNOWLEDGE BASE: 3. What strategies do learners have for organizing and applying content knowledge? • can learners recognize relationships or connec- tions? • can learners create new relationships or connec- tions?	Pattern recognition, i.e., "chunking" and elaboration of information; ability to activate prior learning in abstract and complex ways, integrating and applying some new concepts; range of simple, and a few "higher order" strategies; identification of cause and effect relation- ships; some generalization, inference, prediction	Pattern recognition, i.e., "chunking" and elaboration of information; activation of prior knowledge and integration of new rules/ principles/etc. to solve some problems; multiple strategies, some simple and some "higher order"; identification of cause and effect relationships; some generalization, inference, prediction	Beginning of pattern creation, i.e., "restructuring" into new meanings based on complex integration of prior learning and new information; multiple strategies; comparison/ contrast, analogies, relationships between concepts and related details; inference, prediction	Some pattern creation, i.e., "restructuring" into new meanings based on complex integration of prior learning and new information; multiple strategies allowing understanding of both content and form (organizational structure/ relationship of parts to each other). Analysis, generalization, inference, prediction, abstraction.	A range of complex, embedded strategies for integrating prior learning with new information; ability to restructure content knowledge in new ways to yield new meanings and new systems of understanding. Bias recognition, criticism, conclusion, justification.	A broad range and variety of complex, embedded strategies for integrating prior learning with new information; creation of new, multiple patterns of meaning and new organizational structures; proposing/ developing alternate systems of knowledge and understanding; consultation with multiple, alternative sources of information
• can learners identify information that is important to the task/ problem?	Ability to identify important information for application	Ability to identify new information and to self-monitor comprehension	Ability to identify relevance of information for multiple purposes	Ability to identify relevance of information for multiple purposes	Conscious identification of important/ relevant information for multiple purposes in a variety of contexts	Consistently "conditioned" knowledge; elimination of incorrect/ irrelevant information; strategic adaptation or "tuning" of skill processes for particular uses
<ul> <li>can learners understand when information or concepts apply?</li> </ul>	Good understanding of when to apply information	Strong understanding of when to apply information	Broad understanding of when to apply information	Broad understanding of when/under what conditions to apply information; ability to choose best option among several possibilities	Broad understanding of when/under what conditions to apply information; ability to choose best option among several possibilities	Broad under-standing of when/under what conditions to apply information; ability to choose best option among several possibilities

Dimensions	0-5	6-10	11-15	16-20	21-30	31-40
PERFORMANCE: How well can learners perform:  1. How fluently can learners perform?  • How much effort is required?		Performs slowly, with difficulty, requiring great effort		Performs slowly, with difficulty, requiring great effort	Performs slowly, with noticeable effort (or inappropriately quickly, with insufficient attention)	Performs with some hesitation but with more appropriate speed and more comfort
<ul> <li>How consistently do learners start and finish, getting to the desired outcome?</li> </ul>		Makes a lot of errors, produces little and has a hard time finishing		Makes a lot of errors, produces little and has a hard time finishing	Work is completed with considerable errors	Work is completed with some errors
How well are barriers controlled or overcome?		Is easily diverted/ defeated by barriers		Is easily diverted/ defeated by barriers	Can identify some barriers but has a hard time controlling/ overcoming them	Can identify barriers and possible options for controlling or overcoming them; can pursue some options
2. How independently can the learners perform?  • How much help is needed from others?		Needs substantial help from others		Needs substantial help from others	Needs substantial help from others	Needs some help from others
How much initiative is shown in getting started?		Needs to be "pushed" to get started		Needs to be "pushed" to get started	Needs considerable prompting	Needs some prompting

Dimensions	41-50	51-60	61-70	71-80	81-90	91-100
PERFORMANCE: How well can learners perform:  1. How fluently can learners perform?  • How much effort is required?	Performs at a pace sufficient to finish, with growing comfort	Performs with ease; pace may be measured for thoroughness	Performs with ease; pace may be measured	Performs with ease and speed	Performs effortlessly, smoothly in well-organized steps, quickly	Performs effortlessly, quickly and automatically
How consistently do learners start and finish, getting to the desired outcome?	Work is completed with some errors	Work is completed with few errors	Work is completed with few errors	Work is com- pleted with few errors	Work is consistent, fully completed and almost error- free	Work is consistent, fully completed and almost error- free
How well are barriers controlled or overcome?	Can strategize about how to address barriers and pursue options to control/ overcome them	Can strategize about how to address barriers and pursue options to control/ overcome them	Can strategize about how to address barriers and pursue options to control/ overcome them	Controls/ overcomes most barriers	Regularly addresses/ overcomes barriers as they arise	Regularly engages in complex processes and address/ overcomes any barriers that arise from them
2. How independently can the learners perform?  • How much help is needed from others?	Needs some help from others	May need some help from others	May need some help from others	Rarely needs help from others	Needs no help from others	Needs no help from others
How much initiative is shown in getting started?	Gets started without prompting	Gets started without prompting	Gets started without prompting	Gets started without prompting; may initiate new learning activities	Gets started and initiates activities without prompting	Initiates activities and creates new learning activities

Dimensions	0-5	6-10	11-15	16-20	21-30	31-40
PERFORMANCE:  • How often do learners generate their own strategies to complete task?		Depends upon outside structures, approaches, clarification, strong guidance		Depends upon outside structures, approaches, clarification, strong guidance	Needs significant structures, approaches, clarification, guidance	Needs structures, approaches, clarification, guidance
RANGE: 1. What kinds of tasks did learners carry out? • How complex is the task?		Simple, one-step, well defined and highly structured, requiring limited prediction or judgment		Simple, finite but can be more than one step, well-defined and highly structured, requiring limited prediction or judgment	Simple, more than one step, well defined and highly structured, requiring some prediction or judgment	Multi-step, requiring integration of more than one skill; definition and structure provided; requires some prediction and judgment
How many different kinds of tasks can learners perform?		Single task		Single task	More than one task	More than one task
2. In what contexts can learners perform?  • In what kinds of contexts?		Familiar		Familiar	Familiar	Some familiar and some novel
In how many different situations can learners perform?		Single situation		Single situation	More than one situation	More than one situation, indicating some "near" skill transfer, i.e., into similar situations

Dimensions	41-50	51-60	61-70	71-80	81-90	91-100
PERFORMANCE:  • How often do learners generate their own strategies to complete task?	Needs limited structures and guidance; can generate some strategies on own	Needs limited structures and guidance; can generate strategies on own	Needs limited structures and guidance; can generate strategies on own	Can generate strategies on own; shows some ability to be adaptive and flexible in problem-solving	Generates multiple strategies on own without need of structure or guidance; can choose best option; adaptive and flexible in problem-solving	Generates multiple strategies including consultation with outside sources of information; approaches tasks without need of structure or guidance; can explain tasks to others and offer guidance; can choose and justify the most appropriate approach; highly adaptive and flexible in problem solving
RANGE: 1. What kinds of tasks did learners carry out? • How complex is the task?	Multi-step, requiring integration of skills and prior knowledge; some definition and structure provided; requires some prediction and judgment	Multi-step, requiring integration of many skills and prior knowledge; little definition and structure provided; requires prediction and judgment	Multi-step, requiring integration of skills and prior knowledge; little definition or structure; requires prediction and judgment	Multi-step, requiring integration of skills and prior knowledge; no obvious definition or structure provided; requires prediction and judgment	Complex tasks featuring multiple, integrated steps and requiring frequent prediction and judgment	Complex tasks with multiple, integrated steps; self-initiated/ self-defined tasks requiring frequent prediction and judgment
How many different kinds of tasks can learners perform?	Multiple tasks	Multiple tasks	Multiple tasks	Large number of tasks	Large number of tasks	Wide range and variety of tasks
In what contexts can learners perform?     In what kinds of contexts?	Some familiar and some novel	Some familiar and some novel	Some familiar and some novel	Familiar and novel	Little distinction in performance between familiar and novel	Little distinction in performance between familiar and novel
In how many different situations can learners perform?	Multiple situations, indicating some "near" skill transfer, i.e., into similar situations	Multiple situations, indicating some skill transfer into similar and some novel situations	Multiple situations, indicating some skill transfer into similar and some novel situations	Multiple situations, with consistent transfer to "near" and novel situations	Systematic transfer across a large range of "near" and "far" (i.e., novel, diffi- cult, complex) contexts	Systematic "near" and "far" transfer of skill across multiple, varied, complex environments

### **Teaching and Learning With EFF Standards ASSESSING** • How well have students learned to · What do learners want or **LEARNER NEEDS** use the Standard(s) to meet their need to do? purposes? • What do learners know and What can learners now do? what can they do in relation **An EFF Performance Task** • What additional practice do to that purpose? they need in order to use Addresses the Standard the skill fluently and independently Provides opportunity for in a range of students to develop along situations? the four dimensions **TEACHING PLANNING** • Is Purposeful, Contextual, and Constructivist • What else do learners need to know in order to carry out the learning experience? • What Standard(s) do they need/want to focus on? • What learning activities can frame/provide a context for this purposeful skill development? • What underlying skills and knowledge will learners need an opportunity to develop and practice?

### **Template: Analysis of Performance Task Requiring Effective Use of an EFF Standard**

EFF Standard:	Components of Performance:

Dimensions	0-10	11-20	21-30	31-40	41-50	51-60
COMPLEXITY: 1. How complex is the task?	Simple, one-step, well defined and highly structured; requires limited prediction or judgment	Simple, finite but can be more than one step, well defined and highly structured; requires limited prediction or judgment	Simple, more than one step, well defined and highly structured; requires some prediction or judgment	Multi-step task requiring integration of more than one skill; definition/ structure pro- vided; requires some prediction and judgment	Multi-step task requiring integration of skills and prior knowledge; some definition/ structure provided; requires some prediction and judgment	Multi-step task requiring integration of many skills and prior knowledge; little definition/ structure pro- vided; requires prediction and judgment
CONTEXTS: In what context(s) will the task be performed? 1. How familiar is the context?  2. In how many different situations will the task be performed?	Familiar Single environment	Familiar Single environment	Familiar More than one environment	Some familiar and some unfamiliar More than one environment, indicating some transfer of skill	Some familiar and some unfamiliar More than one environment, indicating some transfer of skill	Some familiar and some unfamiliar More than one environment, indicating some transfer of skill
KNOWLEDGE BASE: What will learners need to know to perform this task?  1. What vocabulary related to the skill? related to the subject area?	Simple vocabulary	Simple vocabulary; with some multisyllablic words	Growing vocabulary, with a good store of multisyllabic nontechnical words	Moderate store of vocabulary, including some unfamiliar and technical	Moderate store of vocabulary, including some unfamiliar and technical	Good store of vocabulary, including some unfamiliar and technical

### Analysis of Performance Task Requiring Effective Use of and EFF Standard

Dimensions	0-10	11-20	21-30	31-40	41-50	51-60
KNOWLEDGE BASE:						
2. What content knowledge related to the skill? Related to the subject area?  3. What strategies for organizing and applying content knowledge?  • Ability to recognize relationships or connections?	Minimal familiarity with content- related facts, operations, concepts, rules, protocols, and/ or practices  Only a small number of strategies; limited to simple recall of information	Familiarity with a small store of content-related facts, operations, concepts, rules, protocols, and/or practices  Only a small number of strategies; including restatement, paraphrase, and some explanation. Can use examples	Familiarity with a good enough store of facts, operations, concepts, rules, protocols and/or practices to carry out the task  Some strategies: explanation; summary; paraphrase; restatement; use of examples; initial "pattern recognition"	Familiarity with a good enough store of facts, operations, concepts, rules, protocols and/or practices to carry out the task  Some strategies, mostly simple, a few "higher order"; pattern recognition; ability to classify/categorize information; some recognition of cause and effect relationships;	Familiarity with a good enough store of facts, operations, concepts, rules, protocols and/or practices to carry out the task  Range of strategies, including a few "higher order"; pattern recognition; identification of cause and effect relationships; ability to apply new facts and concepts to	Familiarity with a range of facts, operations, concepts, rules, protocols and/or practices, beyond the requirements of the task  Multiple strategies, some simple and some "higher order"; pattern recognition;
Ability to create new relationships or connec- tions?				explanation, interpretation, translation, some generalization, inference, prediction	prior experience to create new meaning; some generalization, inference, prediction	identification of cause and effect relationships; use of prior knowledge and application of rules/
<ul> <li>Ability to identify information that is important to the task/ problem?</li> </ul>	Little conscious ability to identify important information	Limited ability to identify important information	Some conscious ability to identify information that is relevant to a clearly defined purpose	Ability to recognize and restate important information for application to a clearly defined purpose	Ability to identify important information for application	principles/etc. to solve problems; some generalization, inference, prediction
Ability to understand when infor- mation or concepts apply?	Minimal understanding of when to apply information	Limited understanding of when to apply information	Some understanding of when to apply information	Good understanding of when to apply information	Good understanding of when to apply information	ability to identify new information and to self-monitor comprehension.  Strong understanding of when identify important information for application

### WORKSHEETS

A. DEVELOPING A WELL-STRUCT	FURED PERFORMANCE TASK
Name:	Date:
Description of the task: (Q6A and Q6B on t	the Reporting Form)
What is the Standard addressed in the tas	sk?
What are the components     of performance for this Standard?	How does the task incorporate each of the components? (Q6C on the Reporting Form)
•	
•	
•	
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•	
•	

	can the task and its requirements in relation to f Performance. (Q7, Reporting Form) Use the	Using the Task Template, assign a rating to the description.
Complexity of the task:		
Context in which task will tal	ke place:	
Knowledge required for the task:		
vocabulary     a. related to the     Standard	1a.	1.
b. related to the task/ content area	1b.	
content knowledge     a. related to the     Standard	2a.	2.
b. related to the task/ content area	2b.	
strategies for organizing and applying content knowledge		
a. skill application strategies	3a	3.
b. cognitive/ metacognitive strategies	3b.	
	and the individual ratings given above, assign a ithin a five-point range. (Q8, Reporting Form)	

4. Explain your reasons for rating the task at this point on the continuum, including the weighting (if any) of specific dimensions. (Q8, Reporting Form)
5. Review the construction of the task. Indicate how the task
sufficiently focuses on the targeted Standard and its Components of Performance so that performance can be rated:
• represents one instance of a meaningful, real-world use of the Standard:
has immediate use or high transfer value for learner(s):
• is defined specifically enough so that the knowledge base requirements are clear:
• identifies what evidence you will look at to see how well the Standard was used to carry out the task:

- 6. Look back at the Knowledge base requirements for this task. Did you include enough information (a rich enough description) to know what to look for:
- a. To document and assess student performance?
- b. To help us specify the template and build the continuum for this Standard?

Knowledge Base Requirements for Task:	What More Do You Need?
Vocabulary     a. related to the Standard	
b. related to the task/content area	
Content Knowledge     a. related to the Standard	
b. related to the task/content area	
3. Strategies for Organizing and Applying Content Knowledge a. skill application strategies	
b. cognitive/metacognitive strategies	

7. As a teacher, how can you use this information to help you plan instruction? What will you pay attention to?

### **B. DESCRIBING STUDENT PERFORMANCE**

Now look at the descriptions of performance for each learner that you have collected (on the *Observation Form* and by other means).

Use the table below to consider the following:

- **8.** Do the descriptions adequately address the knowledge base requirements of the task? *(compare with Q2)*
- 9. Do descriptions adequately address (a) fluency, (b) independence, and (c) range of performance?
- 10. Are the descriptions adequate to:
  - a. Help you assess what the learner knows and can do?
  - b. Help us build the performance continuum for this skill? (Q10 on the reporting form)

Description of Performance on Standard for each Learner	Adequate	Inadequate	What additional information is needed in the description?
Knowledge Base			
Vocabulary     a. related to the Standard			
b. related to the task/			
content area			

Description of Performance on Standard for each Learner	Adequate	Inadequate	What additional information is needed in the description?
2. Content Knowledge a. related to the Standard			
b. related to the task/ content area			
3. Strategies for Organizing and Applying content knowledge  a. skill application strategies			
b. cognitive/metacognitive strategies			
Fluency			
Independence			
Range			

11. How will you use this information to plan "Next Steps" for learners?

# EFF/NRS DATA COLLECTION PROJECT, 2000-2001

Student Documentation Form for EFF Standards	Form for EFF Standards		
Your Name	EFF Standard		Date
PERFORMANCE TASK		Common Activity	
What knowledge does the task require?	What do you know?	How well can you perform?	How do you know?
• Vocabulary			
• Content			
• Strategies			
		Li Ci	

## Equipped for the Future Standards

### What do you know?

- Do you have vocabulary
- related to the skill?
- related to the subject area?
- Do you have content knowledge
- related to the skill?
- related to the subject area?
- 3. Do you have strategies for organizing and applying content knowledge?
- related to the Standard?
- related to the task content area?

## How well can you perform?

- 1. How fluently can you perform?
- How much effort is required?
- How hard is it to start and finish the work?
- How well do you handle problems that come up?
- 2. How independently can you perform?
- How much help do I need from others?
- Can I get started on my own?
- How well can I figure out what to do on my own?

### How do you know?

- What evidence do you have of what you know? of how well you can perform?
- Has someone observed you?
- Is there a record of the evidence?
   (an audio or video tape, teacher's observation notes)
- Do you have work that you have produced? Journal entries, papers, computer work, notes, anything that you have done while working on this task.

# EFF/NRS DATA COLLECTION PROJECT, 2000-2001

Teacher Observation Form	m		
Student	EFF Standard		Date
PERFORMANCE TASK	Commo	Common Activity	Teacher
What knowledge does the task require?	What do learners know?	How well can learners perform?	How do you know?
• Vocabulary			
• Content Knowledge			
• Strategies			

## **Observing EFF Performance Tasks**

### What do learners know?

- 1. Do learners have vocabulary
- related to the skill?
- related to the subject area?
- 2. Do learners have content knowledge
- related to the skill?
- related to the subject area?
- Do learners have strategies for organizing and applying content knowledge
- related to the standard?
- related to the task content area?

## How well can learners perform?

- 1. How fluently can learners perform?
- How much effort is required?
- How consistently do learners start and finish, getting to the desired outcome?
- How well are barriers controlled or overcome?
- 2. How independently can learners perform?
- How much help is needed from others?
- How much initiative is shown in getting started?
- How often do learners generate their own strategies to complete tasks?

### How do you know?

- What evidence do you have of what learners know? of how well they perform?
- What did you observe?
- Is there corroborating evidence?
   (e.g., someone else's observations or report)
- Is there a record of the evidence? (an audio or video tape, your observation notes)
- Are there any artifacts? (student work, products)
- Have you created any rubrics or other forms to collect and/or rate performance?

Please attach any evidence of performance.